

### **Abstract**

**[00221]** A control system (18) and method for an automotive vehicle (10) used for detecting lift of a wheel includes a speed sensor (20) coupled to the wheel producing a wheel speed signal and a torque control system (57) coupled to the wheel for generating an operating input torque to the wheel. A controller (26) is coupled to the torque control system (57) and the wheel speed sensor (20). The controller (26) determines a wheel response to the operating input torque and generates a wheel lift signal as a function of the operating input torque, the wheel speed signal and the wheel response.